



Lancaster Laboratories  
Environmental

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# Analysis Report

Partial Report

Sample Description:

**Ex. 6 - Personal Privacy**

Tetra Tech, Inc.  
ELLE Sample #:  
ELLE Group #:  
Matrix: Water

Ex. 6 - Personal Privacy

Project Name:

**Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00

Collection Date/Time: 12/27/2017 08:54

SDG#: Ex. 6 - Personal Privacy

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
<b>Misc. Organics</b>		<b>EPA 537 Version 1.1</b>	ng/l	ng/l	
14070	NEtFOSAA	2991-50-6	N.D.	2	1
	NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid.				
14070	NMeFOSAA	2355-31-9	N.D.	2	1
	NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid.				
14070	Perfluorobutanesulfonate	375-73-5	3 J	2	1
14070	Perfluorodecanoic acid	335-76-2	N.D.	2	1
14070	Perfluorododecanoic acid	307-55-1	N.D.	2	1
14070	Perfluoroheptanoic acid	375-85-9	N.D.	2	1
14070	Perfluorohexanesulfonate	355-46-4	N.D.	2	1
14070	Perfluorohexanoic acid	307-24-4	N.D.	2	1
14070	Perfluorononanoic acid	375-95-1	N.D.	2	1
14070	Perfluoro-octanesulfonate	1763-23-1	N.D.	2	1
14070	Perfluorooctanoic acid	335-67-1	N.D.	2	1
14070	Perfluorotetradecanoic acid	376-06-7	N.D.	3	1
14070	Perfluorotridecanoic acid	72629-94-8	N.D.	2	1
14070	Perfluoroundecanoic acid	2058-94-8	N.D.	2	1

## Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14070	Full List PFAS - DW	EPA 537 Version 1.1	1	17363008	01/02/2018 21:44	Marissa C Drexinger	1
14070	Full List PFAS - DW	EPA 537 Version 1.1	1	17363008	01/05/2018 00:06	Marissa C Drexinger	1

Sample Description:

**Ex. 6 - Personal Privacy**

Tetra Tech, Inc.  
ELLE Sample #:  
ELLE Group #:  
Matrix: Water

Ex. 6 - Personal Privacy

Project Name:

**Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00

Collection Date/Time: 12/27/2017 09:50

SDG#: Ex. 6 - Personal Privacy

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
<b>Misc. Organics</b>		<b>EPA 537 Version 1.1</b>	ng/l	ng/l	
14070	NEtFOSAA	2991-50-6	N.D.	2	1
	NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid.				
14070	NMeFOSAA	2355-31-9	N.D.	2	1
	NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid.				
14070	Perfluorobutanesulfonate	375-73-5	N.D.	2	1
14070	Perfluorodecanoic acid	335-76-2	N.D.	2	1
14070	Perfluorododecanoic acid	307-55-1	N.D.	2	1
14070	Perfluoroheptanoic acid	375-85-9	N.D.	2	1
14070	Perfluorohexanesulfonate	355-46-4	N.D.	2	1

Reference ID:

1891712090118082927



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Environmental

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# Analysis Report

Partial Report

## Sample Description:

**Ex. 6 - Personal Privacy**

Tetra Tech, Inc.  
ELLE Sample #:  
ELLE Group #:  
Matrix: Water

Ex. 6 - Personal Privacy

## Project Name:

**Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00

Collection Date/Time: 12/27/2017 09:50

SDG#: Ex. 6 - Personal Privacy

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
<b>Misc. Organics</b>		<b>EPA 537 Version 1.1</b>	ng/l	ng/l	
14070	Perfluorohexanoic acid	307-24-4	N.D.	2	1
14070	Perfluorononanoic acid	375-95-1	N.D.	2	1
14070	Perfluoro-octanesulfonate	1763-23-1	6	2	1
14070	Perfluorooctanoic acid	335-67-1	N.D.	2	1
14070	Perfluorotetradecanoic acid	376-06-7	N.D.	3	1
14070	Perfluorotridecanoic acid	72629-94-8	N.D.	2	1
14070	Perfluoroundecanoic acid	2058-94-8	N.D.	2	1

## Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14070	Full List PFAS - DW	EPA 537 Version 1.1	1	17363008	01/02/2018 21:56	Marissa C Drexinger	1

## Sample Description:

**Ex. 6 - Personal Privacy**

Tetra Tech, Inc.  
ELLE Sample #:  
ELLE Group #:  
Matrix: Water

Ex. 6 - Personal Privacy

## Project Name:

**Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00

Collection Date/Time: 12/27/2017 09:55

SDG#: Ex. 6 - Personal Privacy

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
<b>Misc. Organics</b>		<b>EPA 537 Version 1.1</b>	ng/l	ng/l	
14070	NEtFOSAA	2991-50-6	N.D.	2	1
	NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid.				
14070	NMeFOSAA	2355-31-9	N.D.	2	1
	NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid.				
14070	Perfluorobutanesulfonate	375-73-5	56	2	1
14070	Perfluorodecanoic acid	335-76-2	N.D.	2	1
14070	Perfluorododecanoic acid	307-55-1	N.D.	2	1
14070	Perfluoroheptanoic acid	375-85-9	77	20	10
14070	Perfluorohexanesulfonate	355-46-4	78	20	10
14070	Perfluorohexanoic acid	307-24-4	60	2	1
14070	Perfluorononanoic acid	375-95-1	N.D.	2	1
14070	Perfluoro-octanesulfonate	1763-23-1	8	2	1
14070	Perfluorooctanoic acid	335-67-1	360	20	10
14070	Perfluorotetradecanoic acid	376-06-7	N.D.	3	1
14070	Perfluorotridecanoic acid	72629-94-8	N.D.	2	1
14070	Perfluoroundecanoic acid	2058-94-8	N.D.	2	1

Reference ID:

1891712090118082927



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# Analysis Report

Partial Report

## Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14070	Full List PFAS - DW	EPA 537 Version 1.1	1	17363008	01/02/2018 22:07	Marissa C Drexinger	1
14070	Full List PFAS - DW	EPA 537 Version 1.1	1	17363008	01/05/2018 00:18	Marissa C Drexinger	10

Sample Description:

**Ex. 6 - Personal Privacy**

Tetra Tech, Inc.  
ELLE Sample #:  
ELLE Group #:  
Matrix: Water

Ex. 6 - Personal Privacy

Project Name:

~~Wolverine World Wide Tannery~~

Submittal Date/Time: 12/29/2017 10:00

Collection Date/Time:

SDG#:

Ex. 6 - Personal Privacy

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
<b>Misc. Organics</b>		<b>EPA 537 Version 1.1</b>	<b>ng/l</b>	<b>ng/l</b>	
14070	NEtFOSAA	2991-50-6	N.D.	2	1
	NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid.				
14070	NMeFOSAA	2355-31-9	N.D.	2	1
	NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid.				
14070	Perfluorobutanesulfonate	375-73-5	N.D.	2	1
14070	Perfluorodecanoic acid	335-76-2	N.D.	2	1
14070	Perfluorododecanoic acid	307-55-1	N.D.	2	1
14070	Perfluoroheptanoic acid	375-85-9	N.D.	2	1
14070	Perfluorohexanesulfonate	355-46-4	N.D.	2	1
14070	Perfluorohexanoic acid	307-24-4	N.D.	2	1
14070	Perfluorononanoic acid	375-95-1	N.D.	2	1
14070	Perfluoro-octanesulfonate	1763-23-1	5 J	2	1
14070	Perfluorooctanoic acid	335-67-1	N.D.	2	1
14070	Perfluorotetradecanoic acid	376-06-7	N.D.	3	1
14070	Perfluorotridecanoic acid	72629-94-8	N.D.	2	1
14070	Perfluoroundecanoic acid	2058-94-8	N.D.	2	1

## Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14070	Full List PFAS - DW	EPA 537 Version 1.1	1	17363008	01/02/2018 22:19	Marissa C Drexinger	1

Sample Description:

**Ex. 6 - Personal Privacy**

Tetra Tech, Inc.  
ELLE Sample #:  
ELLE Group #:  
Matrix: Water

Ex. 6 - Personal Privacy

Project Name:

Wolverine World Wide Tannery

Submittal Date/Time: 12/29/2017 10:00

Collection Date/Time: 12/27/2017 11:02

SDG#:

Ex. 6 - Personal Privacy

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
<b>Misc. Organics</b>		<b>EPA 537 Version 1.1</b>	<b>ng/l</b>	<b>ng/l</b>	
14070	NEtFOSAA	2991-50-6	N.D.	2	1

Reference ID:

1891712090118082927



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**Ex. 6 - Personal Privacy**

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ELLE Sample #:  
ELLE Group #:  
Matrix: Water

Ex. 6 - Personal Privacy

Project Name:

**Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00

Collection Date/Time: 12/27/2017 11:02

SDG#: Ex. 6 - Personal Privacy

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
<b>Misc. Organics</b>		<b>EPA 537 Version 1.1</b>	<b>ng/l</b>	<b>ng/l</b>	
	NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid.				
14070	NMeFOSAA	2355-31-9	N.D.	2	1
	NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid.				
14070	Perfluorobutanesulfonate	375-73-5	N.D.	2	1
14070	Perfluorodecanoic acid	335-76-2	N.D.	2	1
14070	Perfluorododecanoic acid	307-55-1	N.D.	2	1
14070	Perfluoroheptanoic acid	375-85-9	N.D.	2	1
14070	Perfluorohexanesulfonate	355-46-4	N.D.	2	1
14070	Perfluorohexanoic acid	307-24-4	N.D.	2	1
14070	Perfluorononanoic acid	375-95-1	N.D.	2	1
14070	Perfluoro-octanesulfonate	1763-23-1	N.D.	2	1
14070	Perfluorooctanoic acid	335-67-1	N.D.	2	1
14070	Perfluorotetradecanoic acid	376-06-7	N.D.	3	1
14070	Perfluorotridecanoic acid	72629-94-8	N.D.	2	1
14070	Perfluoroundecanoic acid	2058-94-8	N.D.	2	1

## Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14070	Full List PFAS - DW	EPA 537 Version 1.1	1	17363008	01/02/2018 22:30	Marissa C Drexinger	1

Sample Description:

**Ex. 6 - Personal Privacy**

Tetra Tech, Inc.  
ELLE Sample #:  
ELLE Group #:  
Matrix: Water

Ex. 6 - Personal Privacy

Project Name:

**Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00

Collection Date/Time: 12/27/2017 11:02

SDG#: Ex. 6 - Personal Privacy

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
<b>Misc. Organics</b>		<b>EPA 537 Version 1.1</b>	<b>ng/l</b>	<b>ng/l</b>	
	NEtFOSAA is the acronym for N-ethyl perfluorooctanesulfonamidoacetic Acid.				
14070	NMeFOSAA	2991-50-6	N.D.	2	1
	NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid.				
14070	NMeFOSAA	2355-31-9	N.D.	2	1
	NMeFOSAA is the acronym for N-methyl perfluorooctanesulfonamidoacetic Acid.				
14070	Perfluorobutanesulfonate	375-73-5	N.D.	2	1
14070	Perfluorodecanoic acid	335-76-2	N.D.	2	1
14070	Perfluorododecanoic acid	307-55-1	N.D.	2	1
14070	Perfluoroheptanoic acid	375-85-9	N.D.	2	1
14070	Perfluorohexanesulfonate	355-46-4	N.D.	2	1
14070	Perfluorohexanoic acid	307-24-4	N.D.	2	1
14070	Perfluorononanoic acid	375-95-1	N.D.	2	1

Reference ID:

1891712090118082927



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Ex. 6 - Personal Privacy

Project Name:

**Wolverine World Wide Tannery**

Submittal Date/Time: 12/29/2017 10:00

Collection Date/Time: 12/27/2017 12:02

SDG#:

Ex. 6 - Personal Privacy

CAT No.	Analysis Name	CAS Number	Result	Method Detection Limit	Dilution Factor
<b>Misc. Organics</b>		<b>EPA 537 Version 1.1</b>	ng/l	ng/l	
14070	Perfluoro-octanesulfonate	1763-23-1	N.D.	2	1
14070	Perfluorooctanoic acid	335-67-1	N.D.	2	1
14070	Perfluorotetradecanoic acid	376-06-7	N.D.	3	1
14070	Perfluorotridecanoic acid	72629-94-8	N.D.	2	1
14070	Perfluoroundecanoic acid	2058-94-8	N.D.	2	1

## Laboratory Sample Analysis Record

CAT No.	Analysis Name	Method	Trial#	Batch#	Analysis Date and Time	Analyst	Dilution Factor
14070	Full List PFAS - DW	EPA 537 Version 1.1	1	17363008	01/02/2018 22:42	Marissa C Drexinger	1

Reference ID:  
1891712090118082927

## ***Environmental Analysis Request/Chain of Custody***



**Lancaster Laboratories  
Environmental**

For Eurofins Lancaster Laboratories Environmental use only

Acct. # 10459 Group # 1891712 Sample # 9388817-45

**COC # 540829**

[illegible]

# Environmental Analysis Request/Chain of Custody



Lancaster Laboratories  
Environmental

For Eurofins Lancaster Laboratories Environmental use only

Acct. # 10459 Group # 1891712 Sample # 9388817

COC # 540830

Client Information				Matrix				Analysis Requested												For Lab Use Only		
Client: <u>MSG/Tetra Tech</u>		Acct. #:		<input type="checkbox"/> Tissue <input type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/> Sediment <input type="checkbox"/> Potable <input checked="" type="checkbox"/> NPDES <input type="checkbox"/> Water <input type="checkbox"/> Other:		Preservation Codes 0												FSC: _____				
Project Name/ #: <u>Wolverine World Wide</u>		PWSID #:																SCR#: _____				
Project Manager: <u>BRENT RITCHIE</u>		P.O. #: <u>217808</u>														Preservation Codes H=HCl T=Thiosulfate N=HNO <sub>3</sub> B=NaOH S=H <sub>2</sub> SO <sub>4</sub> O=Other						
Sampler: <u>BLR/C. Renner</u>		Quote #:														Remarks						
State where samples were collected: <u>MI</u>		For Compliance: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>																				
Sample Identification		Collected		Grab	Composite	Soil	Water	Other:	Total # of Containers	Analysis Requested												
Date	Time																					
<b>Ex. 6 - Personal Privacy</b>	122117	1156	X						1	X												
		1202	X						2	X												
		1207	X						2	X												
		1207	X						2	X												
		1250	X						1	X												
		1253	X						2	X												
		1258	X						2	X												
		1438	X						1	X												
		1440	X						2	X												
	1445	X						2	X													

  

<b>Turnaround Time (TAT) Requested</b> (please circle) Standard <input type="checkbox"/> <b>Rush</b> <input checked="" type="checkbox"/> (Rush TAT is subject to laboratory approval and surcharge.)		Relinquished by <u>[Signature]</u> Date <u>12.29.17</u> Time <u>2:00</u>		Received by _____ Date _____ Time _____	
Date results are needed: <u>5-day</u>		Relinquished by _____ Date _____ Time _____		Received by _____ Date _____ Time _____	
E-mail address: <u>britchie@manishsmithgroup.com</u>		Relinquished by _____ Date _____ Time _____		Received by _____ Date _____ Time _____	
<b>Data Package Options</b> (circle if required) Type I (EPA Level 3 Equivalent/non-CLP) Type III (Reduced non-CLP) NYSDEC Category A or B		Type VI (Raw Data Only) <u>Level IV</u> NJ DKQP TX TRRP-13 MA MCP CT RCP		Relinquished by _____ Date <u>1/2/18</u> Time <u>10:00</u>	
		EDD Required? <b>Yes</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> If yes, format: _____		Relinquished by Commercial Carrier: UPS _____ FedEx <b>X</b> Other _____	
		Site-Specific QC (MS/MSD/Dup)? <b>Yes</b> <input checked="" type="checkbox"/> No <input type="checkbox"/> (If yes, indicate QC sample and submit triplicate sample volume.)		Temperature upon receipt <u>1.3</u> °C	

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The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

7044 0216

# Environmental Analysis Request/Chain of Custody



Lancaster Laboratories  
Environmental

For Eurofins Lancaster Laboratories Environmental use only

Acct. # 10459 Group # 1891712 Sample # 9388817-45

**COC # 540817**

Client Information				Matrix				Analysis Requested												For Lab Use Only			
Client:		Acct. #:		<input type="checkbox"/> Tissue <input type="checkbox"/> Ground <input type="checkbox"/> Surface <input type="checkbox"/> Potable <input checked="" type="checkbox"/> Water <input type="checkbox"/> NPDES <input type="checkbox"/> Other:		Preservation Codes 0												FSC: _____					
Project Name/#:		PWSID #:																SCR#: _____					
Project Manager:		P.O. #:																Preservation Codes H=HCl T=Thiosulfate N=HNO <sub>3</sub> B=NaOH S=H <sub>2</sub> SO <sub>4</sub> O=Other					
Sampler:		Quote #:																Remarks					
State where samples were collected:		For Compliance:																					
MI		Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>																					
Sample Identification		Collected		Grab	Composite	Soil	Sediment	Water	Other:	Total # of Containers	Analysis Requested												Remarks
Date	Time																						
Ex. 6 - Personal Privacy	12/17	1719	X							1	X												
	1	1723	X							2	X												
	1	1728	X							2	X												
	1	1809	X							1	X												
	1	1811	X							2	X												
Turnaround Time (TAT) Requested (please circle)				Relinquished by				Date		Time		Received by				Date		Time					
Standard				Relinquished by				Date		Time		Received by				Date		Time					
(Rush TAT is subject to laboratory approval and surcharge.)				Relinquished by				Date		Time		Received by				Date		Time					
Date results are needed: <u>5-Day</u>				Relinquished by				Date		Time		Received by				Date		Time					
E-mail address: <u>Britchie@MannikSmithGroup.com</u>				Relinquished by				Date		Time		Received by				Date		Time					
Data Package Options (circle if required)				Relinquished by				Date		Time		Received by				Date		Time					
Type I (EPA Level 3)				Type VI (Raw Data Only)																			
Equivalent/non-CLP <u>Level IV</u>																							
Type III (Reduced non-CLP)				NJ DKQP TX TRRP-13																			
NYSDEC Category A or B				MA MCP CT RCP																			
EDD Required? <u>Yes</u> No				Relinquished by Commercial Carrier:																			
If yes, format: _____				UPS _____ FedEx <u>X</u> Other _____																			
Site-Specific QC (MS/MSD/Dup)? <u>Yes</u> No				Temperature upon receipt <u>1.3</u> °C																			
(If yes, indicate QC sample and submit triplicate sample volume.)																							

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The white copy should accompany samples to Eurofins Lancaster Laboratories Environmental. The yellow copy should be retained by the client.

7044 0216



## ***Environmental Analysis Request/Chain of Custody***



**Lancaster Laboratories  
Environmental**

For Eurofins Lancaster Laboratories Environmental use only

Acct. # 10459 Group # 1891712 Sample # 9388817-45

**COC #** 540816

[illegible]



Lancaster Laboratories  
Environmental

## Sample Administration Receipt Documentation Log

Doc Log ID: 205017



Group Number(s): 1891712

Client: MSG/TETRA TECH

### Delivery and Receipt Information

Delivery Method:	<u>Fed Ex</u>	Arrival Timestamp:	<u>12/29/2017 10:00</u>
Number of Packages:	<u>4</u>	Number of Projects:	<u>1</u>
State/Province of Origin:	<u>MI</u>		

### Arrival Condition Summary

Shipping Container Sealed:	Yes	Sample IDs on COC match Containers:	Yes
Custody Seal Present:	Yes	Sample Date/Times match COC:	Yes
Custody Seal Intact:	Yes	VOA Vial Headspace $\geq$ 6mm:	N/A
Samples Chilled:	Yes	Total Trip Blank Qty:	0
Paperwork Enclosed:	Yes	Air Quality Samples Present:	No
Samples Intact:	Yes		
Missing Samples:	No		
Extra Samples:	No		
Discrepancy in Container Qty on COC:	No		

*Unpacked by Wendy Wakeley (1669) at 11:06 on 12/29/2017*

### Samples Chilled Details

Thermometer Types: DT = Digital (Temp. Bottle) IR = Infrared (Surface Temp) All Temperatures in °C.

Cooler #	Thermometer ID	Corrected Temp	Therm. Type	Ice Type	Ice Present?	Ice Container	Elevated Temp?
1	DT146	3.6	DT	Wet	Y	Bagged	N
2	DT146	1.3	DT	Wet	Y	Bagged	N
3	DT146	0.4	DT	Wet	Y	Bagged	N
4	DT146	1.0	DT	Wet	Y	Bagged	N



Lancaster Laboratories  
Environmental

# Explanation of Symbols and Abbreviations

The following defines common symbols and abbreviations used in reporting technical data:

<b>BMQL</b>	Below Minimum Quantitation Level	<b>mg</b>	milligram(s)
<b>C</b>	degrees Celsius	<b>mL</b>	milliliter(s)
<b>cfu</b>	colony forming units	<b>MPN</b>	Most Probable Number
<b>CP Units</b>	cobalt-chloroplatinate units	<b>N.D.</b>	non-detect
<b>F</b>	degrees Fahrenheit	<b>ng</b>	nanogram(s)
<b>g</b>	gram(s)	<b>NTU</b>	nephelometric turbidity units
<b>IU</b>	International Units	<b>pg/L</b>	picogram/liter
<b>kg</b>	kilogram(s)	<b>RL</b>	Reporting Limit
<b>L</b>	liter(s)	<b>TNTC</b>	Too Numerous To Count
<b>lb.</b>	pound(s)	<b>µg</b>	microgram(s)
<b>m3</b>	cubic meter(s)	<b>µL</b>	microliter(s)
<b>meq</b>	milliequivalents	<b>umhos/cm</b>	micromhos/cm
<b>&lt;</b>	less than		
<b>&gt;</b>	greater than		
<b>ppm</b>	parts per million - One ppm is equivalent to one milligram per kilogram (mg/kg) or one gram per million grams. For aqueous liquids, ppm is usually taken to be equivalent to milligrams per liter (mg/l), because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is equivalent to one microliter per liter of gas.		
<b>ppb</b>	parts per billion		
<b>Dry weight basis</b>	Results printed under this heading have been adjusted for moisture content. This increases the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on an as-received basis.		

**Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.**

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff.

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Times are local to the area of activity. Parameters listed in the 40 CFR Part 136 Table II as "analyze immediately" are not performed within 15 minutes.

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## Data Qualifiers

Qualifier	Definition
C	Result confirmed by reanalysis
D1	Indicates for dual column analyses that the result is reported from column 1
D2	Indicates for dual column analyses that the result is reported from column 2
E	Concentration exceeds the calibration range
J (or G, I, X)	Estimated value $\geq$ the Method Detection Limit (MDL or DL) and $<$ the Limit of Quantitation (LOQ or RL)
P	Concentration difference between the primary and confirmation column $>40\%$ . The lower result is reported.
U	Analyte was not detected at the value indicated
V	Concentration difference between the primary and confirmation column $>100\%$ . The reporting limit is raised due to this disparity and evident interference.
W	The dissolved oxygen uptake for the unseeded blank is greater than 0.20 mg/L.
Z	Laboratory Defined - see analysis report

Additional Organic and Inorganic CLP qualifiers may be used with Form 1 reports as defined by the CLP methods.

Qualifiers specific to Dioxin/Furans and PCB Congeners are detailed on the individual Analysis Report.